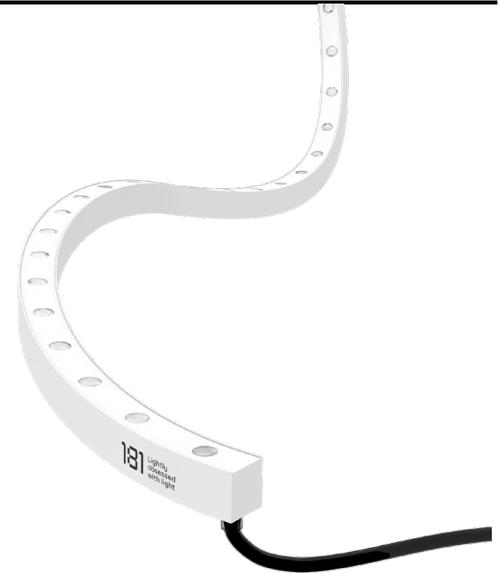


The Linear Flex Silicone delivers professional-grade illumination with exceptional environmental durability. This specialized fixture combines installation flexibility with robust construction.

Engineered with full silicone housing and reliable performance in exposed outdoor locations and wet environments. The fixture's versatile beam angle options provide precise optical control, integrating seamlessly into professional lighting designs for hospitality exteriors, commercial landscapes, and architectural accent applications.

- Flexible Installation Format – Adapts to both linear runs and complex curved architectural geometries.
- Precision Optic Array – Complete beam control spectrum with five symmetric angles and specialized asymmetric optics for advanced linear lighting design.



Specifications

General

Power Consumption (W/m)	18
Input Voltage (V DC)	24
LEDs (/m)	24
LED Pitch (mm)	41,7
LEDs (/seg.)	6
LED Type	Discrete
Color Range	Single Color
Control	PWM

Installation Conditions & Lighting Data

Segment Length (mm)	250
Minimum Bending Radius ¹ (mm)	Side 400
	Top 250
Maximum Run Length Power ¹ (m)	Single Feed 5
	Double Feed 10
Delivered Lumen Full Color (lm)	
Lumen Maintenance Calculated	L70 @25°C 70,000
Hours (h)	L70 @50°C 50,000

¹More details can be found in the Installation Guide document.

Operating

Environment	Outdoor
Storage Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS, UL, UKCA, CB, FCC
Limited Warranty	5 Years

Physical

Housing Material	Silicone
Cover Material	Silicone
Connector Material	Nylon (PA66)
Housing Color	White RAL9003 (Custom on Request)
Cable Color	Black
Connector Type Options	Bare Wires / M12 2Pin
Weight (kg/m)	0,6
Dimensions WxH (mm)	18 x 18

Options

Color/CCT

- Green
- Blue
- Red

Optics

- 15°
- 20°
- 25°
- 38°
- 60°
- 20°x40°

Accessories

- Honeycomb
- Mounting Profile
- Mounting Clip
- Mounting Profile Glare Shield
- Mounting Profile Cable Duct

Lighting Specifications

Linear Flex Silicone

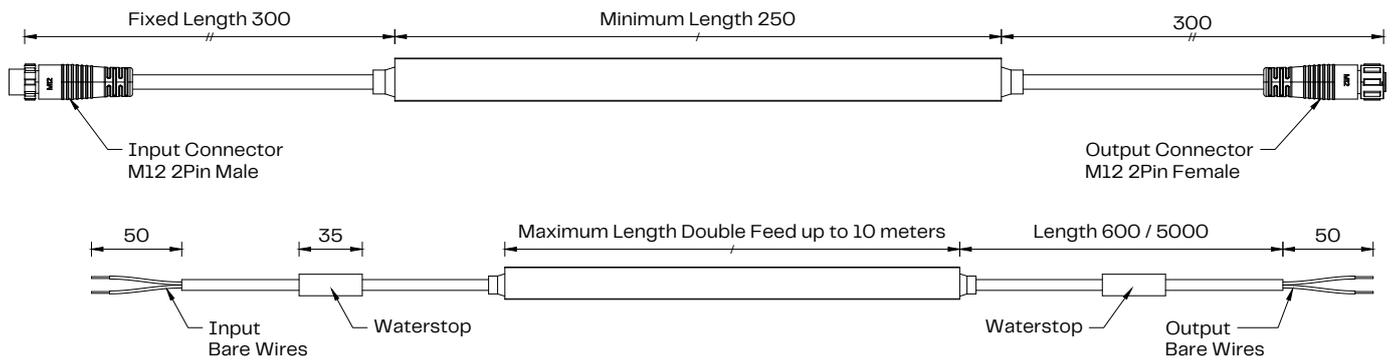
	Full Color (mm)
Green 15°	
Green 20°	
Green 25°	
Green 38°	
Green 60°	
Green 20°x40°	
Blue 15°	
Blue 20°	
Blue 25°	
Blue 38°	
Blue 60°	
Blue 20°x40°	
Red 15°	
Red 20°	
Red 25°	
Red 38°	
Red 60°	
Red 20°x40°	

Photometric Distribution

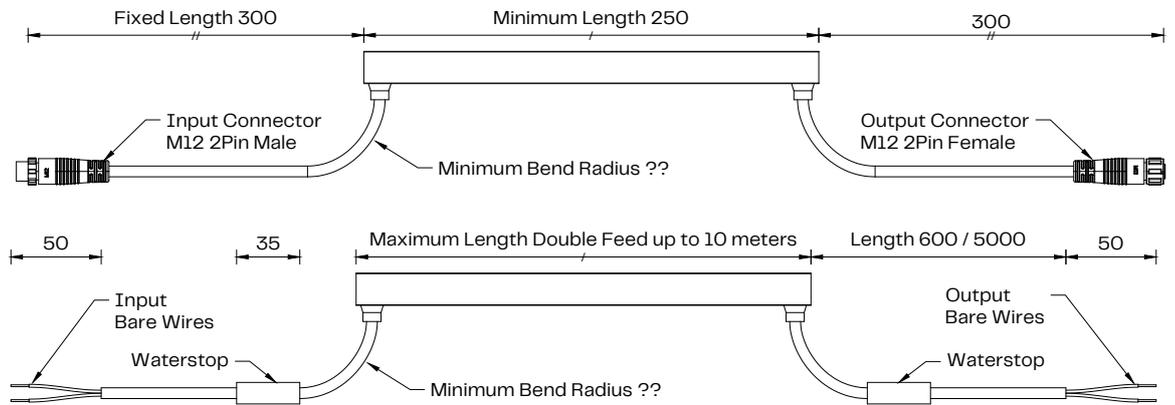
Dimensions

Linear Flex Silicone Single Color ¹

Linear Flex Silicone Direct

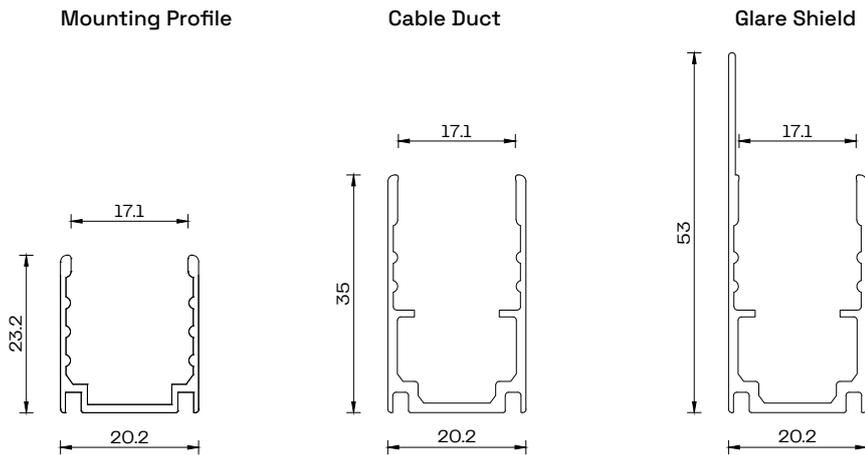


Linear Flex Silicone Bottom

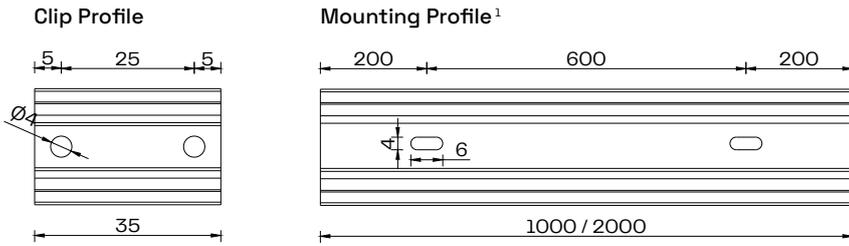


¹ The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.

Accessory Options



Profile Specifications

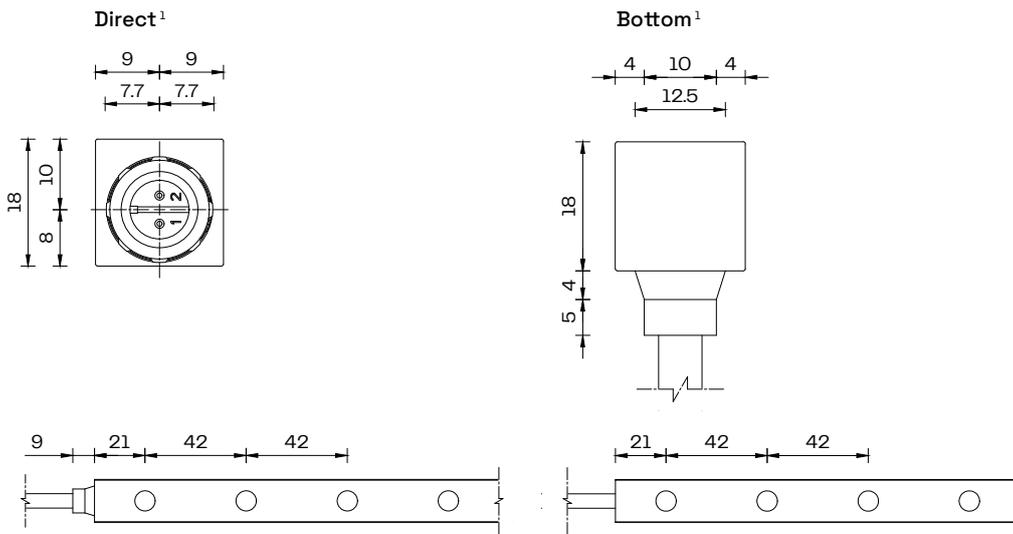


Physical

Profile Material	Aluminum Alloy 6063
Transparent Profile Material	Polycarbonate
Aluminum Profile Finish	Blank Anodized

¹1000mm profile is standard. 2000mm is available to order.

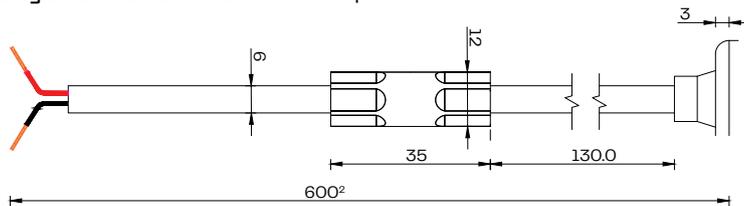
Cable Entry Options



¹ The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.

Connection Options

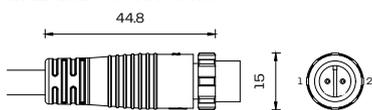
Single Color Bare Wires with waterstop¹



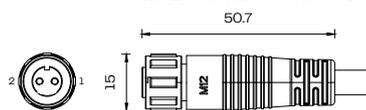
Wire Color

Red	24 V+
Black	GND

M12 Male Connector³



M12 Female Connector³



Connector Pin

Pin 1	Red	24 V+
Pin 2	Black	GND

¹ Removing the waterstop will void the warranty.

² 600 mm cable length is standard. Custom length is available on request.

³ When opting for M12 connector the cable including connector is 300 mm.

Product References

Linear Flex Silicone

Reference	Description